

How Many Does It Take?

To power a city of
100,000 people for a year

1/30th Nuclear Plant
on 12 acres

OR

3/7th Hydroelectric Dam
on 73 acres

OR

7/8th Offshore Platform
(Gas production only)
on 2/5th acres

OR

20 Onshore Gas Wells
on 8 acres

OR

724 Wind Turbines
on 1615 acres

OR

127 Wave Plants
on 19 acres

OR

241,000 Solar Panels
on 2907 acres

To fuel cars for
100,000 people for a year

2½ Offshore Platforms
(Oil production only)
on 1¼ acres

OR

4300 Onshore Oil Wells
on **1600** acres

Developed by Laura Martinez and
Mary Elaine Dunaway at MMS,
Pacific OCS Region 2005

Consult www.MMS.gov for
full paper with calculations

Power YOUR City



**Nuclear
Plant**



**Hydroelectric
Dam**



**Offshore Oil
& Gas Platform**



**Onshore
Gas Well**



**Wind
Turbine**



**Wave
Plant**



**Solar
Panel**

Comparative numbers are
provided for both electricity
and transportation energy
production. Values are based
on a "typical" California
facility and average
California consumption. See
MMS website for details.



**U.S. Minerals
Management Service
Pacific OCS Region
www.MMS.gov**

